IN THE CLAIMS:

	1.	(Curr	ently Amended) An improved method of oxidizing undesirable compounds
residing within a liquid based gas processing system comprising:			
		(a)	first heating a liquid absorbent containing undesirable compounds within a
	reboiler cham	ber to i	ts boiling temperature, which is a temperature above the boiling point of water
and below the temperature of degradation of said absorbent, to produce vaporized effluents;			
		(b)	condensing said effluents within a condenser;
		(c)	transporting residual uncondensed effluents to and through a vaporizer
wherein said effluents are first heated to re-vaporize any ambient condensed liquids;			
		(d)	transporting and introducing said re-vaporized effluents to a thermal oxidizer
combustion chamber combined and integrated with said reboiler but fluidly separate th			combined and integrated with said reboiler but fluidly separate therefrom
separate from some reboiler wherein said re-vaporized effluents are second heated to a temperature			
necessary to effectuate virtually complete thermal destruction of undesirable compounds;			
		(e)	transporting and introducing said second heated thermally destroyed effluents
	from said thermal oxidizer combustion chamber to and through the internal portions of a		
recovery tube bundle, said introduction and transport generating external tube surface temperatu			
sufficient to raise a liquid glycol based absorbent in contact therewith to its boiling temperature; are			
		(f)	transporting said second heated effluent from said tube bundle to and through
a reboiler vent stack; and			

2. (Previously Amended) The method as set forth in Claim 1 wherein said absorbent 1 is diethylene glycol. 2 (Original) The method as set forth in Claim 1 wherein said absorbent is triethylene 3. 1 glycol (TEG). 2 4. (Original) The method as set forth in Claim 1 wherein said absorbent is one of a 1 group of absorbents including ethylene glycol, tetraethylene glycol or glycerin. 2 5. (Previously Amended) The method as set forth in Claim 1 wherein said undesirable 1 compounds include benzene, toluene, ethylbenzene and xylene. 2 (Currently Canceled) 6. 1 7. (Currently Canceled) 1 (Currently Canceled) 8. 1 (Original) The method of Claim 1 further comprising the step of sparging said 9. 1 absorbent while said absorbent traverses the internal portion of a sparging or stripping pipe located 2

within said reboiler.

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- 1 10. (Original) The method of Claim 1 wherein the transporting of said partially
- 2 condensed effluents to and through a vaporizer means further comprises the step of collecting non-
- 3 vaporized effluents in a reservoir.
- 1 Claims 11 through 24 (Withdrawn)
- 1 25. (Currently Canceled)